

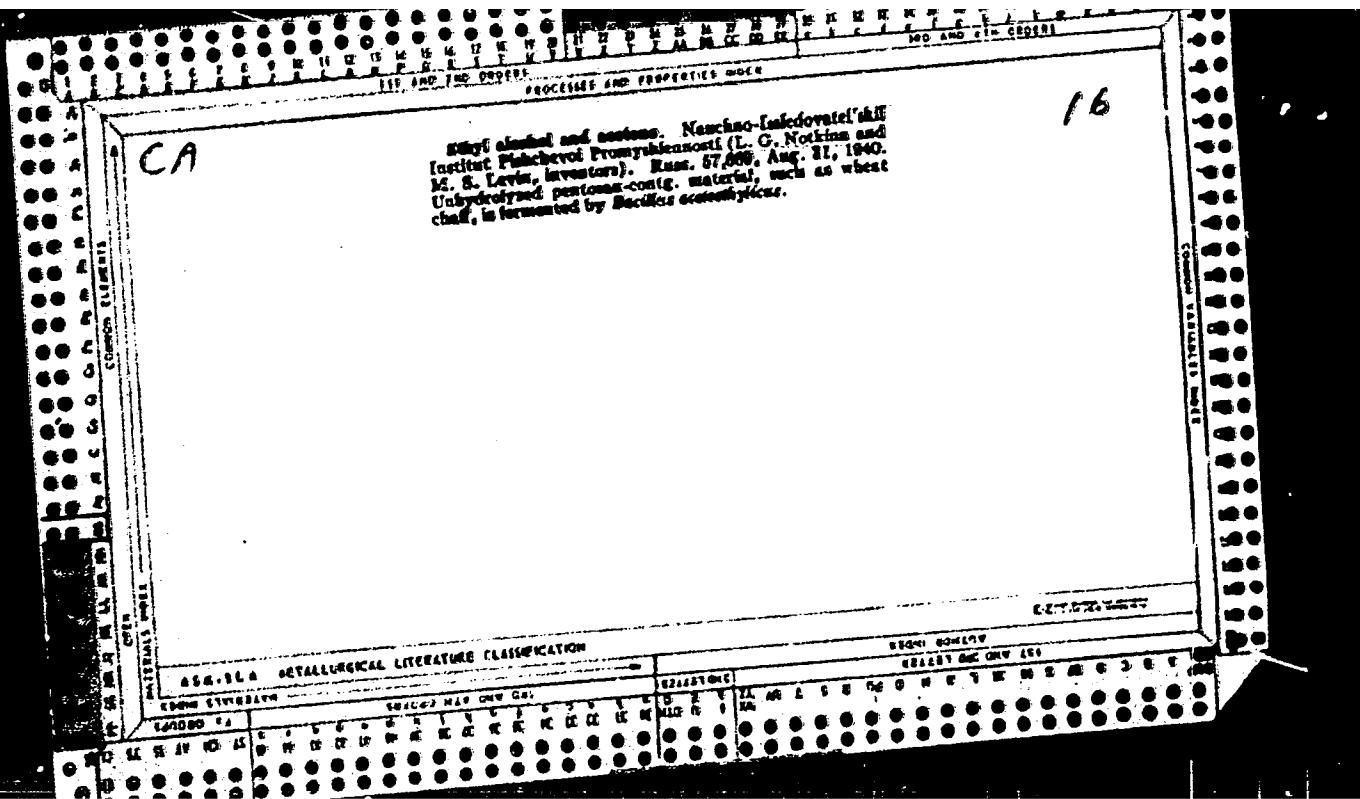
CA

16

Fermentation of plant waste materials rich in pentose by acetone-ethyl alcohol bacteria. I. G. Norkin, S. Klim, Refract. Zhar., 1930, No. 11, 44.—The fermentation of the hydrolysates of hemicellulose from the hulls of wheat, corn stalks and wheat bran yields 40-2% of solvents. Malt sprouts are the best N nutrient. Fast acetone-ethanol ferment up to 55 (40)% of pentoses (without any preliminary treatment) with a yield of solvent of approx. 2%. Results of the experiments showed the possibility of commercial production of acetone and  $\text{CH}_3\text{OH}$  from the hydrolysates of plant-waste materials and of the total utilization of hexoses and pentoses. W. R. Henn.

Mr. Srinivasan, Khantoli

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001137410004-0"



NOTEHÄ, L.G.

Study of the production of baker's and fodder yeasts. Trudy UHLIPP  
no.2: 50-63 '59.  
(Yeast)

NOTKINA, L.G.

Production of food acids by a biochemical process. Trudy UHLIPP  
no.2:79-85 '59.  
(Acids, Organic) (Food additives)

NOTKINA, L.G.

Biochemical principles of the drying of baker's yeast. Trudy Inst.  
mikrobiol. no. 6:183-194 '59. (MIRA 13:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy  
promyshlennosti, Khar'kov.  
(YEAST--DRYING)

NOTKINA, L.G.; ZAPARA, Ye.M.; GOLUBCHIK, M.G.; Prinimala uchastiye:  
BALYBERDINA, L.M.

Production of feed yeast from separation waste liquor.  
Sakh. prom. 36 no.7:21-24 Jl '62. (MIRA 17:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut polimeriza-  
tsionnykh plastmass.

137-58-5-11096

NOTKINA, M. A.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 313 (USSR)

AUTHORS: Milovanov, G. N., Vladimirova, V. M., Notkina, M. A.

TITLE: The Seventh Conference on Laboratory Methods for the Investigation of the Ores and Minerals of Rare and Dispersed Elements (Leningrad, June 11-20, 1957) [ VII soveshchaniye po laboratornym metodam issledovaniya rud i mineralov redkikh i raseyannykh elementov (Leningrad, 11-20 iyunya 1957 g.) ]

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 17 pp 26-27

ABSTRACT: Bibliographic entry. Ref. RzhMet, 1958, Nr 3, abstract 6224

1. Laboratories--USSR    2. Ores--Analysis    3. Minerals--Analysis

Card 1/1



NOTKINA, M.A.; SOLODOVNIK, S.M.

Spectrographic method for determining impurities in alkali  
and alkaline earth metals. Fiz.sbor. no.4:341-343 '58.  
(MIRA 12:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut  
redkikh i malykh metallov. Giredmet.  
(Alkali metals--Spectra) (Alkaline earth metals--Spectra)

HOTKINA, M.A.; DOBEKINA, B.M.; Prinimali uchastiye: NAZAROWA, M.G.; AKSENOVA,  
Z.V.; RASTOPCHINA, A.P.

Spectrochemical method for determining the impurities present in  
strontium and barium. Zav.lab 26 no.10:1126-1128 '60.  
(MIRA 13:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut  
redkometallicheskoy promyshlennosti.  
(Strontium--Analysis) (Barium--Analysis)



55310 1273

33414

S/032/62/028/002/012/037

B125/B104

AUTHORS: Notkina, M. A., Solodovnik, S. M., Baranova, L. L., Lushina, V. K., and Romantseva, T. I.

TITLE: Increase of the sensitivity of impurity determination in pure metals

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 2, 1962, 176 - 177

TEXT: The accuracy (over  $10^{-5}$  -  $10^{-6}$ ) of impurity determination in pure metals with low ionization potential (Ga, In, Tl, etc.) can be increased by separating the main component of the sample and using the remainder as an intensifying additive. The intensity of analytical lines in the case of impurity elements with low ionization potential can be raised by the introduction of  $\text{Ga}_2\text{O}_3$ ,  $\text{GaCl}_3$ ,  $\text{NaNO}_3$ ,  $\text{Na}_2\text{CO}_3$ ,  $\text{NaCl}$ ,  $\text{Na}_2\text{SO}_4$ , and  $\text{AgCl}$ , whereby the background intensity is reduced. The experiments have shown that the addition of 4% of NaCl to the impurity concentrate is most convenient for the analysis of metals with high ionization potential (Bi, Si, Sb, etc.). The main components of the sample in the impurity concentrates produced in the chemical concentration process, together

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X

33414

S/032/62/028/002/012/037

B125/B104

Increase of the sensitivity of...

with NaCl, influence the relative intensity of the impurity elements to be determined. The effect of NaCl in elements with relatively low ionization potential (Ga, In, Tl) is significant only if the concentration of the main component is low. The effect of the main component above a given concentration upon the impurity line intensity is independent of the presence of NaCl. The effect of NaCl is not eliminated even by relatively high concentrations of elements with high ionization potential (Bi, Si, Sb, etc.). The main component is partially separable in the chemical spectrum analysis of metals with low ionization potential. The remainder is suited as an intensifying impurity, and the addition of NaCl to the concentrate is unsuitable. NaCl is required in the analysis of metals with relatively high ionization potential. The methods discussed here are suited for semiconductor engineering. The accuracy of determination with an initial weighed portion of 1 g (neglecting possible impurities) is presented in a table. There are 2 figures, 1 table, and 11 references: 9 Soviet and 2 non-Soviet. The two references to English-language publications read as follows: B. Scribner, H. J. Mullin. Res. Nat. Bur. Standards, 37, 379 (1946); R. Breckpot. Congr. adv. method anal. Spectr. prod. met. (Paris), 8, 33 (1947).

Card 2/3

33414

S/032/62/028/002/012/037

B125/B104

Increase of the sensitivity of...

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti (State Design and Planning Scientific Research Institute of the Rare Metals Industry)

Table. Sensitivity of impurity determination in pure metals.

Legend: (1) analytical line Å; (2) error, %.

Table

Аналитическая линия Å	Чувствительность определения, %
Al I 3082,16	5.10 <sup>-7</sup>
Bi I 3067,71	5.10 <sup>-6</sup>
Fe I 2483,27	2.10 <sup>-6</sup>
In I-3256,09	2.10 <sup>-6</sup>
Cd I 2288,02	5.10 <sup>-7</sup>
Co 3044,00	2.10 <sup>-5</sup>
Mg II 2795,53	5.10 <sup>-7</sup>
Mn I 2801,06	5.10 <sup>-7</sup>
Cu I 3247,54	5.10 <sup>-7</sup>
Ni I 3050,82	5.10 <sup>-6</sup>
Sn I 2839,99	5.10 <sup>-6</sup>
Pb I 2833,07	5.10 <sup>-6</sup>
Sb I 2598,06	5.10 <sup>-5</sup>
Ag I 3280,68	5.10 <sup>-7</sup>
Ti II 3234,52	1.10 <sup>-6</sup>
Cr II 2835,63	5.10 <sup>-6</sup>
Zn I 3345,57	1.10 <sup>-4</sup>

Card 3/3

S/032/62/028/006/010/025  
B101/B138

AUTHORS: Vasilevskaya, L. S., Notkina, M. A., Sadof'yeva, S. A., and Kondrashina, A. I.

TITLE: Spectrochemical determination of impurities in germanium and germanium dioxide

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 6, 1962, 678 - 680

TEXT: A simple method of the series analysis of Ge and  $\text{GeO}_2$  for Al, Fe, Mg, Mn, Cu, Ni, Sb, Pb, Ta, Ti and Cr is described. Concentration of the impurities occurs by dissolving Ge in concentrated  $\text{HCl} + \text{HNO}_3$  ( $\text{GeO}_2$  in concentrated HCl), evaporation of  $\text{GeCl}_4$ , and spectral analysis of the residue dried and mixed with carbon powder, in a 10 a d.c. arc with a quartz spectrometer, exposure 2.5 min. The standards are prepared from mixtures of the pure oxides of the elements to be determined, with carbon powder. The calibration curves are plotted as  $\Delta S$  against  $\log C$ . The sensitivity, especially for Ni, Mg, Fe and Ti, is increased by addition of

Card 1/2

Spectrochemical determination...

S/032/62/028/006/010/025  
B101/B138

4% NaCl, and is  $3 \cdot 10^{-5} - 10^{-6}$ %. There are 2 tables. The English-language reference is: V. A. Brophy, L. W. Strock, T. Peters. Spectroch. Acta, 6, 246 (1954).

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti (State Design and Planning Scientific Research Institute of the Rare Metals Industry)

Card 2/2

of 50% or less, and Sb was not extracted because it was in the pentavalent state. Carbon tetrachloride or chloroform can be used for the extraction of the diethyldithiocarbamates. In the case of vanadium, the latter was converted to the pentavalent state, and extraction with diethyldithiocarbamate separated 13 elements: Cu, Ag, Au(III), Mn(II), Pb, Zn, Fe(III), Cd, Ni, Co, In, Tl(I), Tl(III), and Bi. Ga, Pt(IV), Sn(IV), Sb(V), and Se(IV) were not extracted. The concentrates obtained were analyzed photographically with a medium-dispersion quartz spectrograph (ISP-22 or ISP-28). Another successful method of concentration applicable to tantalum, niobium, and vanadium consists of extracting the base element (Ta with cyclohexanone from 0.4 M HF and 1.2 M H<sub>2</sub>SO<sub>4</sub>; Nb with amyl acetate from 11 N HCl; V with tributyl phosphate from 6 N HCl). The analytical procedure employed is described in full. Orig. art. has: 1 table and 1 formula.

ASSOCIATION: Komissiya po analiticheskoy khimii, AN SSSR (Commission on Analytical Chemistry, AN SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: IC, MM

NO REF SOV: 003

OTHER: 004

Car  
Card 2/2

NOTKINA, M. G. and FUKSMAN, I. G.

"Some Characteristics of Epidemic and Clinical Chronic Dysentery,"  
Tezisy Dokladov 9-y Nauchnoy Sessii Kishinevskogo Gosudarstvennogo Meditsinskogo Instituta,  
Kishinev, 1952, p 53.

KOTKINA, N. G., PUL'KIS, V. A., BABIROVA, A. D., KAROVA, Z. F.

"Hygienic Characteristics of Capital Residential Construction  
in the City of Stalinsk during the Post-War Period."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists  
and Infectionists, 1959.

NOTKINA, Natal'ya Markovna; MIL'CHIN, A.M., redaktor; CHICHERIN, A.N.,  
tekhnicheskij redaktor

[Laboratory studies on the technology of photographic reproduction  
processes] Laboratornye raboty po tekhnologii fotograficheskikh  
reproduktsionnykh protsessov. Moskva, Gos. izd-vo "Iskusstvo,"  
1956. 163 p.  
(Photomechanical processes)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001137410004-0

VALEYEV, Kh.S., kand.tekhn.nauk; MEDVEDOVSKAYA, E.I., inzh.; NOTKINA, S.D.,  
inzh.

Synthesis of zinc stannates. Trudy GLEM I no.4:80-86 '60.  
(MIRA 15:1)  
(Zinc stannate)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001137410004-0"

KLEMENTOV, A.V., kand.med.nauk; NOTMAN, K.E.

X-ray therapy for the purpose of preventing the formation of  
salivary fistulas. Stomatologija 40 no.3:65-67 My-Je '61.

(MIRA 14:12)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii (nachal'nik -  
prof. M.V.Mukhin) i kafedry rentgenologii i radiologii (ispolnyayushchiy)  
obyazannosti nachal'nika - prof. V.S.Vakhtel') Voyenno-meditsinskoy  
akademii imeni Kirova.

(X RAYS—THERAPEUTIC USE) (FISTULA)  
(SALIVARY GLANDS—DISEASES)

CZECHOSLOVAKIA

VEDRA, B., MD; HORSKA, S., MD; MOTOTNY, A., MD.

Institute of Mother and Child Care (Ustav pro peči o matku  
a dítě), Prague-Podoli (for all)

Prague, Prakticky lekar, nro 19, 1963, pp 729-732

"Pregnancy and Diabetes mellitus."

ATANASOVA, D.; MORDOHAJ, M.; NOTOV, At.; OVAGIMOV, O.; SHISHKOV, V.;  
STANCHEV, I.v.; CANEV, K.; BOTEVA, Z.,dr.

Observations on agricultural workers using organic phosphoric  
compounds. Folia med. (Plovdiv) 7 no.1:39-43 '65

1. Higher Medical Institute "I.P.Pavlov" in Plovdiv, Bulgaria,  
Chair of Faculty Therapy (Chief prof. B. Jurukov); Health  
and Anti-Epidemic Station in Plovdiv (Chief Physician: Hr.  
Hristov); and Health Centre, Railway Station, Kricim (Chief  
Physician: Z. Boteva).

AUTHORS: Notov, L.A., Patrin, A.L. (Moscow) 47-6-18/37

TITLE: Useful Advice (Poleznyye sovety): Coloring of Water (Pod-  
krashivaniye vody)

PERIODICAL: Fizika v Shkole, 1957, # 6, page 63 (USSR)

ABSTRACT: For many experiments it is important to color water. The usual coloring materials leave irremovable sediments on the glass of the vessels, and the useful fluorescein is not always at hand. Good results are obtained with a filtered pine salt solution. In reflected light the solution is brightly green luminescent (fluorescent), but in a passing light - yellow. The solution retains its properties for a long time and does not stain the vessel's walls. It can also be used to demonstrate the fluorescence of bodies.

ASSOCIATION: 465th Secondary School, Moscow (465-ya srednaya shkola, Moskva)

AVAILABLE: Library of Congress

Card 1/1

NOTOVA-UZUNOVA, M.

Case of oxycephaly. Suvrem. med., Sofia 5 no.3:103-105 1954.

1. In Psichiatrichnata klinika pri Meditsinskata akademia V. Chervenkov, Sofia (direktor: prof. G. Uzunov)  
(ABNORMALITIES,  
oxycephaly)  
(HEAD, abnormalities,  
oxycephaly)

NOTOVA-UZUNOVA, M.

Two cases of botulism. Suvrem. med., Sofia 7 no.10:128-130  
1956.

1. Iz Klinikata po nervni bolesti pri VMI - Sofia (Zav.  
katedrata: prof. Georgi Uzunov),  
(BOTULISM, case reports)

NOTRVKI, M.

Achievements and Experiences in First Year of cycle work based on time study  
(IN COAL MINING). Notrvki, M. (Prvogl. Gorulcay(Min. Rev.), Dec. 1951, vol.  
7, 476-479. Diagrams and charts are shown of three-shift continuous working.  
(L)

immediate source clipping

БИБЛІОГРАФІЯ

БІЛКОВІК, В. А. Осциллятор з постійною амплітудою та фреквенцією модуляції. №. 126.  
БІЛКОВІК, В. А. Осциллятор з постійною амплітудою та фреквенцією модуляції. №. 127.  
The Kuybyshev Hydroelectric Plant. №. 128.  
Планів'я інженерія (радіо Енергія); відомості. №. 129.

Vol. 10, No. 11/12, 1956.

СУДОВІ ТЕХНІЧНІ  
ЗАВДАННЯ  
С. М. К., Харківська

Sci. Pract. European Association, Vol. 6, No. 2, February 1957

NOTTARP, Elemens

Theory and practice of tellurometers. Zbor Geod inst Beograd no.3:5-13  
'60.

NOTTECK, K.I. von, starshiy leytenant.

More about the Soviet Navy. Mor.zap. 12 no.2:40-44 J1 '54.  
(Russia--Navy) (MLRA 7:8)

NOTYCH, A. G.

Characteristics of the coking of charges consisting of coals from  
eastern regions. Koks i khim. no.10:26-30 '60. (MIRA 13:10)

1. Giprokoksa.

(Coal—Carbonization)

NOTYCH, A.G.; MIKHNO, V.P.

Water treatment of gas in standpipes and gas collectors. Koks i  
khim. no.8:26-29 '61. (MIRA 15:1)

1. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu  
predpriyatiy koksokhimicheskoy promyshlennosti.  
(Coke-oven gas--Cooling)

NOTYCH, A.G., inzh.

Study of the heat of glowing coke. Prom. energ. 17  
no.11:3-9 N '62. (MIRA 15:12)  
(Coke industry) (Electric power)

NOTYCH, A.G.

Coking of Donets Basin coals in the PK-2K ovens and the temperature conditions of the end heating flues. Koks i khim. no.1:19-23 '63. (MIRA 16:2)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy koksokhimicheskoy promyshlennosti.  
(Coke ovens) (Donets Basin—Coal)

NOTYCH, A.G.

Dependence of the intensity of graphite deposition in the coking  
chambers on the conditions of coke oven operation. Koks i khim.  
no.12:19-25 '63. (MIRA 17:1)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy  
koksokhimicheskoy promyshlennosti.

SICHENKO, V.K.; IVANOV, B.V.; POLYAKOV, I.I.; REZNIKOV, A.A.;  
LORFMAN, G.A.; IZRAELIT, E.M.; MOTYCH, A.G.; TOPYGIN,  
L.A.; CHALYY, G.Ya.; STETSENKO, Ye.Ya.; UDOVICHENKO, L.V.;  
FILIPPOV, B.S., nauchn. red.; LERNER, R.Z., nauchn. red.;  
GOL'DIN, Ya.A., glav. red.; KULESHOV, M.M., red.; POLOTSK,  
S.M., red.

[By--product coke industry] Koksokhimicheskoe proizvodstvo.  
Moskva, Metallurgija, 1965. 167 p. (MIRA 18:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut in-  
formatsii i tekhniko-ekonomicheskikh issledovaniy chernoy  
metallurgii. 2. Direktor Tsentral'nogo nauchno-issledova-  
tel'skogo instituta informatsii i tekhniko-ekonomicheskikh  
issledovaniy chernoy metallurgii (for Kuleshov).

NYTL, O.

"Protection of portable-electric appliances against the danger of electric shock."

ET EKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 6, June 1959.

Monthly List of East European Accessions (EEAI , IC, Vol. 8, No. 7, September 19 9.

Unclassified.

NOTZL, Otto, inz.

Heating of houses for domestic animals. Elektrotechnik 17  
no.2:56 F '62.

NOTZL, O., inz.; SPIRMAN, O., dr.

New instruments for boring holes for earth wires. Elektrotechnik 17  
no.4:110-111 Ap '62.

NOTZL, Otto, inz.; SPIRMAN, Ota, dr.

Spring winding drums for movable electric conduits. Elektrotechnik  
17 no.7:203-204 J1 '62.

NOTZL, Otto, inz.; SPIRMAN, Ota, dr.

Electric measurement instrument for determining the weight  
of load suspended on crane. Elektrotechnik 17 no.9:265-266  
S '62.

NOTZL, Otto, inz.; SPIRMAN, Ota, dr.

Electric heating of pavements and sidewalks. Elektrotechnik  
17 no. 9:267 S '62.

NOTZL, O., inz.; SPIRMAN, O., dr.

Heavy damage of two electric motors caused by friction of  
the rotor against stator in consequence of bearing trouble.  
Elektrotechnik 17 no.10:291-292 0 '62.

NOTZL, O., inz.; SPIRMAN, O., dr.

Manual battery driller. Elektrotechnik 17 no.10:293  
O '62.

NOTZL, O., ins.

Electric equipment from armor plated materials. Elektrotechnik  
18 no.1:17 Ja '63.

1. Ustav technického dozoru, Praha.

NOTZL, Otto, inz.

Great economic damage to agricultural buildings caused by fires.  
Elektrotechnik 18 no.2:49-50 F '63.

1. Ustav technického dozoru, Praha.

NOTZL, Otto, inz.; SPIRMAN, Ota, dr.

Damaging of industrial equipment by animals. Elektrotechnik  
18 no.3:77-79 Mr '63.

NOTZL, O., ina.

Danger of fire from electric lighting fixtures. Elektrotechnik 18  
no.4:110-111, Ap '63.

1. Ustav technickeho dozoru, Praha.

MOTZL, ins.; SPIRMAN, dr.

Practical arrangement of electric lighting poles. Elektrotechnik  
18 no.6:172-173 Je '63.

NOTZL, O., inz; SPIRMAN, O., dr.

Crane jib with a safety device. Inz stavby 11 no. 12:  
Supplement: Mechanizace n.s. 12: 187-188 '63.

NOTZL, Otto, inz.

Ensuring the safety of electric equipment and lighting rods,  
Czechoslovak Standard 34 3800. Sklar a keramik 13 no.8:219  
Ag '63.

1. Ustav technickeho dozoru, Praha.

NOTZL, O., inz.

Giving first aid. Elektrotechnik 18 no.8:239 Ag '63.

SPIRMAN, O., dr.; NOTZL, O., ins.

Mobile ramming machine. Inz stavby 12 no.10: Suppl: Mechanizace  
no.10:166 '64.

NOUC, B.

Final results and their comparison, a further instrument for the increase of workers' participation in management and attainment of higher production economy. p. 191.

TECHNIKA VUKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho prumyslu a výkupu zemedelskych výrobku a řízení mlýnu a pekáren)  
Parha, Czechoslovakia, Vol 5, no. 4, Apr. 1959.

Monthly List of East European Accessions (EEAI), Vol. 9, no. 1, Jan, 1960

Uncl.

NOUSEK, O., dr.

International standardization of office machines, automatic computers and information processing. Podnik organizace 16 no.11:522-523 N '62.

TOUZA, K.; BLEKHA, O.

Significance of pseudo-epiphyses in ossification of the wrist.  
Cas. lek. cesk. 95 no.1:23-24 6 Jan 56.

1. Ze III. interni kliniky KU v Praze (prednosta akademik J. Charvat)  
a Ustredniho endokrinologickeho ustavu v Praze (predn. doc. Dr.  
K. Silink).

(METACARPUS,  
pseudoepiphysis, role in ossification.)

NOUZA, F.; LINGLOVA, ALMA

Specific features of the system of transportation of foreign haemopoietic progenitor cells in the middle irradiation range. *Folia Biol. (Prag.)* 11:177-185

• Institute of Experimental Biology of Czechoslovakian Academy of Sciences, Prague.

NOUZA, K.

Transplantation of bone marrow and other hematopoietic organs. Cas.  
lek.cesk 99 no.50:Lek ved zahr 265-276 9 D '60.

1. Ustav hematologie a krevni transfuze v Praze, prednosta prof. MUDr.  
J. Horejsi, Dr.Sc., klinicke oddeleni, prednosta doc. MUDr. J. Libansky.

(BONE MARROW transpl) (HEMATOPOIETIC SYSTEM)

KOUZA, K.

CZECHOSLOVAKIA

no academic degree indicated

Institute for Hematology and Blood Transfusion (Ustav hematologie a krevni transfuse), Prague; Director: prof. J. HOREJSI, DSc, MD

Prague, Vnitri Lekarstvi, No 11, Nov 62, pp 1199-1207.

"Our Experiences with Imferon in the Treatment of Anemia Due to Iron Shortage"

Co-authors:

FIALA, J. same as above

BRABEC V. C.Sc. " "

MALASKOVA, V.; NOUZA, K.

Generalized proliferation of the mast cells - mastocytoma. Cas. Lek. Cesk. 101 no.15:459-464 13 Ap '62.

1. Ustav hematologie a krevni transfuze v Praze, prednosta prof. dr. J. Horejsi, DrSc; prednosta klinickeho oddeleni doc. dr. J. Libansky.

(MAST CELLS)

NOUZA, K.

2

CZECHOSLOVAKIA

NOUZA, K; SVOBODA, M; DOBRY, E.

Institute of Hematology and Blood Transfusion(Ustav  
hematologie a krevni transfuse), Prague (for all)

Prague, Vnitri lekarstvi, No 8, 1963, pp 791-795

"Unusual Reaction Following Transfusion of Blood Plas a."

NOUZA, K.

Disease of  $F_1$  hybrids after administration of parental lymphoid cells. Folia biol. 9 no.2:111-128 '63.

1. Institute of Haematology and Blood Transfusion, Prague.  
(HYBRIDIZATION) (SPLEEN) (LYMPH NODES)  
(BONE MARROW) (IMMUNITY) (SKIN TRANSPLANTATION)

CZECHOSLOVAKIA

NOUZA, K.

Clinical Ward of the Institute of Hematology and Blood  
Transfusion (Ustav hematologie a krevni transfuse,  
klinické oddelení), Prague

Prague, Vnitřní lekarství, No 10, 1963, pp 1001-1007

"Our Experiences with Transplantation of Bone Marrow."

NOUZA, K.

Disease of sublethally irradiated  $F_1$  hybrids after administration of parental lymphoid cells. Folia biol. (Praha) 10 no.3: 212-231 '64

1. Institute of Experimental Biology and Genetics, Czechoslovak Academy of Sciences, Prague.

VOJTIŠKOVÁ, Marta; VIKLICKÝ, V.; JIRSAKOVÁ, Anna; NOUŽA, K.;  
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Amethopterin treatment of experimental allergic aspermatogenesis  
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"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001137410004-0

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Institute of Experimental Biology and Genetics, Czechoslovak  
Academy of Sciences, Prague,

APPROVED FOR RELEASE: 07/19/2001

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J. VANÍČKA (Institute of Child Health, University J.E. Purkyně, Brno) (Professor prof. dr. M. Černý, M.D.).

SUMELRA, J.; NOVA, B.

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no. 7:607-616, 1974.

1. Kardio-revmatologische afdeling H. O. van de Akkerlaan 6, 3583  
fakultet University Utrecht, Parkweg 6 Brue (promotor prof. dr. M.  
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SUMBERA, Jan; NOVA, Bezena; RICNY, Drahoslav; VALENTA, Jiri; VITAK, Bohumil

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17 no.4:332-338 Ap '62.

1. II detska klinika lekarske fakulty University J. Ev. Purkyne v Brne,  
prednosta akademik O. Teyschi.

(DUCTUS ARTERIOSUS surg)

NOVA, E.

Problems with modern dairy barns.

P. 318, (Sotsialistlik Polulumajandus) Vol. 12, no. 7, July 1957, Tallinn, Estonia

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1. Ustav pro mikrobiologii a epidemiologii lekarske fakulty  
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Karlov University v Plzni (prednosta: doc. dr. J. Zahradnický)  
a Ustav organizace zdravotnictvi fakulty vseobecneho lekarstvi  
Karlov University v Praze (prednosta: prof. dr. F. Prosek)

NOVA, M.

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1. Ustav hygieny prace a chorob z povolania v Bratislave, riaditel

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1. Ustav hygieny prace a chorob z povolania v Bratislave, riaditeľ  
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PA 63/49T102

USSR/Meteorology

Drought Forecasting

May/Jun 49

"Forecasting of Droughts in the Land Along the Volga," N. V. [redacted], 8 pp

"Iz Ak Nauk SSSR, Ser. Geog i Geofiz" Vol XIII, No 3

Establishes a relationship between the spring-summer drought in the Volga region and some predominating meteorological phenomena: increased solar radiation in fall and spring, excessive duration of solar radiation in March, dry fall, light snowfall in winter, rapid rise of temperature from winter to spring or an

63/49T102

USSR/Meteorology

(Contd)

May/Jun 49

early spring. Coefficient of correlation between traditionally unrelated meteorological phenomena and drought is about 0.88. Submitted 1 Aug 47.

63/49T102

REZABEK, K.; JELINEK, V.; Technical collaboration: SOUCEK, J.; NOVA, V.; MALCOVA, M.

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1. Research Institute for Pharmacy and Biochemistry, Prague, CSSR.

(ANTINEOPLASTIC AGENTS pharmacol)  
(GENITALIA, FEMALE pharmacol)  
(GONADOTROPINS physiol)  
(ESTRUS pharmacol)

REZABEK,K.; RABOCH,J.; Technicka spoluprace: NOVA,V.; MALCOVA,H.;  
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Role of the androgens in normal human ejaculate on utero-tropic activity. Cesk. gynek. 28 no.9:610-612 N'63.

1. Vyzkumny ustav pro farmacii a biochemii v Praze (reditel dr. inz. O,Nemecek) a Sexuologicky ustav fak. vseob. lek. KU v Praze (prednosta prof.dr.J.Hynie).

\*

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BARBU, I., ing.; NOVAC, C., ing.; GRIGORESCU, Paula, chim.

An important secondary source of power, the dry cooling of coke.  
Energetica Rum 12 no.9:476-480 S '63.

NOVAC, 1.

Influence of the relative position of stator winding on the  
value of the asymmetry degree of the trimenophase induction  
machine. Bul St si Tohn Tim 9 no.2:503-510 Jl-D '64,

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001137410004-0

NOVAC, I.

Experimental Determination of the Synchronous Transverse Reactance  
in Synchronous Machines. Electrotehnika (Electrical Engineering), #4:120: Apr 55

APPROVED FOR RELEASE: 07/19/2001

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NOVAC, I.

Selection of the  $CD^2$  Flywheel Momentum of Synchronous Motors for Machine  
Drives with Irregular Run. ELECTROTEHNICA (Electrical Engineering) #9:389:Sep '55

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001137410004-0"

NOVAC, I.; OPRENDECK, B.

Analytic determination and experimental checking of the asynchronous parasitic moment in induction machines. Bul St si Tehn Tim 7:371-381 '62.

NOVAC, Mauriciu

Some aspects of the foreign economic relations of Rumania.  
Probleme econ 16 no.9:3-17 S '63.

1. Vicepresedinte al Comitetului de Stat al Planificarii.

VACARCIUC, T., ing.; NOVAC, M., RUS, J.

Improving the quality of beech hardboards. Ind lemnului 15 no.  
6/7:210-215 Je-Jl '64.

VACARCIUC, T., ing.; NOVAC, M., tehn.; RUS, I., lab.

Reducing the water absorption of hardboards. Ind lemnului 16 no.1:  
14-16 Ja '65.

1. Station of the Forest Research Institute, Blaj.

NOVAC, O.

NOVAC, O. Well-organized supply, condition to reduce construction costs. p. 2.  
Important advantages of mechanized plastering. p. 2.

Vol. 7 no. 301, Oct. 1955  
CONSTRUCTORUL  
Bucuresti, Rumania

See Eastern European Accession Vol. 5 No. 4 April 1956

RUMANIA / Microbiology. Microbes.Pathogenic to Man and F-5  
Animals. Bacteria. Bacteria of the Intestinal  
Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72123.

Author : Nestorescu, N.; Popovici, M.; Novac, S.; Librescu,  
S.; Choptea, A. Nestorescu, N.; Popovici, M.;  
Librescu, S.; Novak, S.; Choptea, A. Gorun, V.

Inst : Not given.

Title : Investigation of Spread in Rumania of Serological  
Types of Intestinal Bacillus Causing Enteritis  
in Children.

Orig Pub: Rev. microbiol. parazitol. si epidemiol., 1956,  
1, No 2, 46-49; 49-53, 1, 4, 7, 10.

Abstract: The feces of 225 healthy children from 5 collect-  
ives and of 300 children with enteritis were  
studied. 13 strains of pathogenic serotypes of

Card 1/2

42

RUMANIA / Microbiology. Microbes Pathogenic to Man and F-5  
Animals. Bacteria. Bacteria of the Intestinal  
Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72124.

Author : Nestorescu, N.; Popovici, M.; Novac, S.; Librescu,  
S.; Cheptea, A.

Inst : Not given.

Title : Study of the Spread In Rumania of Serological  
Types of Intestinal Bacillus Causing Enteritis  
in Children.

Orig Pub: Rev. microbiol., parazitol. si epidemiol., 1956,  
1, No 2, 53-57.

Abstract: In Rumania, serological types of intestinal  
bacillus which play an important role in the  
etiology of enteritis in children, especially in  
the appearance of a toxic-septic epidemic syndrome,

Card 1/2

I 34946-66 T/EWP(t)/ETI IJP(c) JD/DJ

ACC NR: AP6026645

SOURCE CODE: RU/0017/66/000/001/0005/0008

AUTHOR: Dragan, I. (Doctor; Engineer); Novac, S. (Engineer); Crafti, A. (Engineer)

ORG: Metallurgical Research Institute (Institutul de cercetari metalurgice)

TITLE: Some considerations concerning the hot deformability characteristics of noncorrosive steels

SOURCE: Metalurgia, no. 1, 1966, 5-8

TOPIC TAGS: corrosion resistant steel, plasticity, material deformation, mechanical shock resistance

ABSTRACT: A report on tests to determine hot deformability characteristics of non-corrosive steels. The most appropriate method to determine cold-hardenability of steel has been found to be shock upsetting; to determine plasticity hot torsion gave best results, while the upset method was best for determining shock-deformation resistance. Orig. art. has: 14 figures and 1 table. [Based on authors' Eng. abst.] [JPRS: 36,646]

SUB CODE: 11, 20 / SUBM DATE: none

Card 1/1

UDC: 669.14.018.7:539.32

09/6 2322,

NESTORESCO, N.; POPOVICI, Marcella; FILOTI, Aurica; NOVAC, Stela; VLADOLIANU,  
I.R.; BADULESCO, Elena; DIMACHE, Gh.; TACO, D.; DOHOTARU, V.;  
BERCAN, A.

Characteristics and incidence of Salmonella of the "C" group in  
the pigs used for the preparation of the swine pest virus. Possible  
relation to human Salmonella infections. Arch. roum. path. exp.  
microbiol. 21 no.1:81-87 Mr '62.

1. Institut "Dr. I. Cantacuzino" (for Nestoresco, Popovici, Filoti,  
Novac, Vladicoanu, Badulesco, Dimache). 2. Institut Pasteur -- Bucarest  
(for Taco, Dohotaru, Bercan). (SALMONELLA INFECTIONS, ANIMAL)  
(SWINE DISEASES)

ZARNEA, G.; NOVAC, Stela; CRACEA E.; DUMITRESCO, Sanda; BUZDUGAN, I.  
IANOPOL. Ligie

On the value and limitations of the rickettsial microagglutination reaction. Arch. roum. path. exp. microbiol. 23 no.3:  
705-712 S'63

1. Institut "Dr. I. Cantacuzino"; Service des Rickettsies, Bucarest.  
(for: Zarnea, Novac, Cracea, Dumitresco). 2. Centre San. Buzdugan  
Antiepidemique - Suceava (for Buzdugan, Ianopol).

L 54479-65

EWA(d)/EWP(t)/EWP(k)/EWP(t)/EWA(s) PR-4 JD/HW

ACCESSION NR: AP5017722

RU/0017/64/000/010/0459/0462

19  
B

AUTHOR: Culda, O.; Novac, St.

TITLE: Molybdenum disulfide as an additive in lubricants used for the cold deformation of metals

SOURCE: Metalurgia, no. 10, 1964, 459-462

TOPIC TAGS: additive, lubricant, wire, molybdenum compound

ABSTRACT: The authors review the use of molybdenum disulfide as an additive in various steel-producing countries, particularly the U.S., for various types of steel production, especially wire drawing, and conclude that this substance could profitably be used in Romania, since the ores are present in the country. Orig. art. has 5 graphs and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REV Sov: 000

OTHER: 007

JPHS

JW

Card 1/1

MERET, N., ing., candidat in stiinte tehnice; NOVAC, St., ing.

Rational utilization of hoisting machine ropes in the mining industry. Rev min 15 no.9:442-448 S '64.

RUMANIA

616.981.71-078.75

ZARNEA, G., Lect, NOVAC, Stela, Dr, DUMITRESCU, Sanda, Dr, and CRACEA, E., Dr, of the "Dr I. Cantacuzino" Institute of Microbiology, Parasitology, and Epidemiology (Institutul de Microbiologie, Parazitologie si Epidemiologie "Dr I. Cantacuzino"), Bucharest, BUZDUGAN, I., Dr, and IANOPOL, Ligia, Dr, of the State Health Inspectorate (Inspectoratul Sanitar de Stat), Suceava Regiune.

"Contributions to the Study of Serological Diagnosis Methods in Rickettsioses. I. Microagglutination of Rickettsia in the Diagnosis of Relapse Typhus (Brill-Zinsser Disease)."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 3, May-Jun 66, pp 241-248.

Abstract [Authors' English summary modified]: The authors describe the preparation and standardization of antigens from R. prowazekii and R. mooseri for the microagglutination of rickettsia, discuss the techniques used, and compare the results of this method with those obtained by the complement-fixation reaction. The sensitivity and specificity of the reaction was confirmed by serologic studies on experimentally infected guinea pigs as well as 520 patients or ex-patients. The appearance, dynamics and persistence of antibodies were also studied.

Includes one table, 6 figures and 11 references, of which one Rumanian, one Russian, 2 German and 7 Western. -- Manuscript 1/1 submitted 28 February 1966.

1/1 28 February 1966.

R/003/60/011/005/003/023  
A125/A026

AUTHORS: Ioanid, G., Doctor; Novac, V., Doctor

TITLE: The Utilization of Radioactive Isotopes <sup>19</sup> in the Chemical Industry

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 5, pp. 255 - 261

TEXT: At present, radioactive isotopes are more and more applied in chemical industry for radiometry and chemical reactions under the influence of radiation. Radiometry can be used in chemical industry for determining the retention time of a material in a continuous technological system; for determining the homogenation of a mixture; for measuring the volume of a liquid, which otherwise would be difficult to be determined; for the determination of the delivery; and for tracing the efficiency of a technological process. Radio measurements have been made already in several Rumanian enterprises; The Uzincle Chimice "Petre Pone" (Chemical Plant) and the Combinatul Chimic "Karl Marx" (Chemical Combine) used  $P_{32}$  for determining the retention time in superphosphate installations. The same enterprises have applied the homogenation method in the  In 1959 and 1960, the Institutul

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large Rumanian plants for determining the losses of valuable products. ICECHIM has also studied the method of measuring the level of compressed liquids. The authors then describe some chemical reactions which took place under the influence of radiation and which resulted in several important products for the chemical industry (Refs. 5, 6, 7, 8 and 9): chlorination of hydrocarbons, oxidation of hydrocarbons, sulfochlorination and sulfo-oxidation of hydrocarbons, polymerization of monomers, transplantation of different monomers on polymers, irradiation of polymers and cracking of hydrocarbons. The authors give a brief description of all these methods (Refs. 6, 7, 10, 11, 17, 20, 21, 22, 23, 24 and 25). The economic efficiency of the use of radioactive isotopes in chemical industry can be appreciated for the following two aspects: 1) utilization of radioactive isotopes for quality control and automation and 2) utilization of radioactive isotopes for the irradiation of chemical systems. The production of radioactive isotopes for the chemical industry in Rumania is of great importance. It can increase the productivity and improve the quality of the products. There are 26 references: 8 Rumanian, 6 Soviet, 8 English, 1 German, 1 French, 1 Belgian and 1 Italian.

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